

Amendments to the Specification

Please replace the title of the application with the following amended title:

~~INLET~~ ABRADABLE COATING FOR GAS TURBINES

Please add the following new heading before paragraph [0001]:

FIELD OF THE INVENTION

Please replace paragraph [0001] with the following amended paragraph:

[0001] The present invention is directed to an abradable coating for gas turbines ~~according to the definition of the species in claim 1.~~

Please add the following new heading before paragraph [0002]:

BACKGROUND

Please replace paragraph [0002] with the following amended paragraph:

[0002] Gas turbines, such as aircraft engines, typically include a plurality of rotating blades, as well as a plurality of stationary guide vanes. ~~The the blades rotate rotating~~ together with a rotor and the blades, as well as the guide vanes, ~~are being~~ enclosed by a fixed casing of the gas turbine. To boost the performance of an aircraft engine, it is vitally important that all components and subsystems be optimized. These also include the so-called sealing systems in aircraft engines. Maintaining a minimal gap between the rotating blades and the fixed casing of a high-pressure gas turbine is especially problematic in the context of aircraft engines. Namely, in high-pressure gas turbines, the highest absolute temperatures, as well as the greatest temperature gradients occur. This complicates the task of maintaining the gap between the rotating blades and the fixed casing of the compressor. This has to do, inter alia, with the fact that the shrouds, as are used for turbines, have been eliminated in the case of compressor blades.

Please add the following new heading before paragraph [0006]:

SUMMARY OF THE INVENTION

Please replace paragraph [0006] with the following amended paragraph:

[0006] Against this background, it is an ~~the~~ object of the present invention is to provide ~~devise~~ a novel type of abradable coating for gas turbines.

Please delete paragraph [0007].

Please delete paragraph [0010].

Please add the following new heading before paragraph [0011]:

BRIEF DESCRIPTION OF THE DRAWINGS

Please add the following new heading before paragraph [0014]:

DETAILED DESCRIPTION